

AUTHOR INDEX

- AARDEN, L., *see* SMEENK, R.
 ABDIN, Z.H., *see* GRAY, E.D.
 ADLER, S.J., MORLEY, A.A. & SESHADRI, R.S.
 Reduced lymphocyte colony formation with age, 129
 ALDER, W.H., *see* NAGEL, J.E.
 ASU, D., GWYN WILLIAMS, D., QUAKYI, I.A., VOLLER, A., ANIM-ADDO, Y., BRUCETAGOE, A.A., JOHNSON, G.D. & HOLBOROW, E.J. Anti-ssDNA and antinuclear antibodies in human malaria, 310
 AISO, S., *see* HIBI, T.
 ALDERSON, T., *see* DEANS, J.A.
 ALIZADEH, H. & WAKELIN, D. Genetic factors controlling the intestinal mast cell response in mice infected with *Trichinella spiralis*, 331
 ALLAN, F., *see* HASLAM, P.L.
 ALMERIGOGNA, F., *see* ROMAGNANI, S.
 ALONSO, F., *see* DE LA CONCHA, E.G.
 ALONSO, F., *see* SANCHEZ-CRESPO, M.
 ANIM-ADDO, Y., *see* ADU, D.
 ASAKURA, H., *see* HIBI, T.
 ASHERSON, G.L., *see* LE BOUTELLIER, P.P.
 ATKINSON, H.J., *see* HUGHES, H.P.A.
 BALFOUR, A.H., *see* HUGHES, H.P.A.
 BALINT, JR, J., NAGAI, T., IKEDA, Y., MEEK, K. & TERMAN, D.S. IgA containing immune complexes in dogs bearing a spontaneous mammary adenocarcinoma, 433
 BARAT, A., *see* SANCHEZ-CRESPO, M.
 BARGELLES, A., *see* ROMAGNANI, S.
 BARRATT, T.M., *see* GARIN, E.H.
 BARRETT, C., *see* HASLAM, P.L.
 BARTH, S., *see* SOLBACH, W.
 BASCOU, C., *see* CARRON, M.
 BEGIN, R., *see* ROLA PLESZCZYNSKI, M.
 BIAGIOTTI, R., *see* ROMAGNANI, S.
 BILLING, R.J., FOON, K.A. & LINKER-ISRAEL, M. The immunological classification of leukaemia based on a rapid microcytotoxicity test, 142
 BILLING, R.J., *see* HOFMAN, F.M.
 BILLINGTON, W.D., *see* NICKLIN, S.
 BIONDI, A., PERI, G., COLOMBO, N., BOLIS, G. & MANTOVANI, A. Antibody-dependent and -independent cytotoxicity of human mononuclear phagocytes: defective stimulation of tumoricidal activity in milk macrophages, 701
 BOHNSACK, J., *see* WILSON, C.B.
 BOLIS, G., *see* BIONDI, A.
 BOOTELLO, A., *see* DE LA CONCHA, E.G.
 BOTTAZZO, G.F., *see* KHOURY, E.L.
 BROHEE, D., KENNES, B. & NEVE, P. E rosette dissociation: evidence for a role of the cytoskeleton, 474
 BROWN, C.S. & BROWN, J.C. Preferential rheumatoid factor reactivity with disulphide bond altered IgG in radioimmunoassay, 457
 BROWN, D.J.C. & JEWELL, D.P. Cold-reactive lymphocytotoxins in Crohn's disease and ulcerative colitis. I. Incidence and characterization, 67
 BROWN, J.C., *see* BROWN, C.S.
 BRUCETAGOE, A.A., *see* ADU, D.
 BULLOCK, W.E., WATSON, S., NELSON, K.E., SCHAUF, V., MAKONKAWKEYOON, S. & JACOBSON, R.R.
 Aberrant immunoregulatory control of B lymphocyte function in lepromatous leprosy, 105
 CALLARD, E., *see* MACDONALD, S.M.
 CAPRON, M., BASCOU, C., VIAL, M.-C., GROSSETETE, J., HINGLAIS, N., GIRARD, J.F. & DRUET, P. Effects of decompensation on mercuric chloride-induced glomerulonephritis in Brown-Norway rats, 611
 CHAKRABARTY, A.K., MAIRE, M.A. & LAMBERT, P.H. SDS-PAGE analysis of *M. leprae* protein antigens reacting with antibodies from sera from lepromatous patients and infected armadillos, 523
 CHARRON, D., *see* SAUVEZIE, B.
 CHREST, F.J., *see* NAGEL, J.E.
 COHEN, A.B., *see* MELEWICZ, F.M.
 COHEN, S., *see* DEANS, J.A.
 COLLINS-LECH, C., *see* SOHNLE, P.G.
 COLOMBO, N., *see* BIONDI, A.
 COLWELL, J.A., *see* VIRELLA, G.
 COWLEY, P.J., *see* JONES, V.E.
 CUDWORTH, A.G., *see* SENSI, M.
 CULLMAN, W., KOVARY, P.M., MULLER, N. & DICKS, W. Complement, coagulation and fibrinolytic parameters in hereditary angioedema (HAE), 618
 DAMIANI, G., *see* ROMAGNANI, S.
 DANIELS, T.E., *see* SAUVEZIE, B.
 DAVEY, F.R. & KUREC, A.J. Mouse rosette positive B cells stimulate poorly in the autologous and allogenic mixed lymphocyte reaction, 193
 DEANS, J.A., ALDERSON, T., THOMAS, A.W., MITCHELL, G.H., LENNOX, E.S. & COHEN, S. Rat monoclonal antibodies which inhibit the *in vitro* multiplication of *Plasmodium knowlesi*, 297
 DE LA CONCHA, E.G., GARCIA-RODRIGUEZ, M.C., ZABAY, J.M., LASO, M.T., ALONSO, F., BOOTELLO, A. & FONTAN, G. Functional assessment of T and B lymphocytes in patients with selective IgM deficiency, 670
 DE LA CONCHA, E.G., SUBIZA, J.L., FONTAN, G., PASCUAL SALCEDO, D., SEQUI, J. & BOOTELLO, A. Disorders of regulatory T cells in patients with selective IgA deficiency and its relationship to autoimmune phenomena, 410
 DELACROIX, D.L. & VAERMAN, J.P. Secretory component (SC): preferential binding to heavy (11S) IgA polymers and IgM in serum, in contrast to predominance of 11S and free SC forms in secretions, 717
 DELBARRE, F., *see* PIATIER-TONNEAU, D.
 DE SOUZA, J.B., *see* HARTE, P.G.
 DELPRETE, G.F., *see* ROMAGNANI, S.
 DICKS, W., *see* CULLMAN, W.
 DOBOZY, A., FÜST, G., KENDERESSY, A. Sz., HUNYADI, J., FABRY, Z. & SIMON, N. Inhibitory effect of C3b on rosette formation of peripheral blood mononuclear cells with mouse erythrocytes, 230
 DONIACH, I., *see* SENSI, M.
 DOSCH, H.M., *see* MIZUNO, Y.

- DRAY, F., *see* FISCHER, A.
 DRUET, P., *see* CAPRON, M.
 DUKE, O., PANAYI, G.S., JANOSSY, G. & POULTER, L.W. An immunohistochemical analysis of lymphocyte subpopulations and their microenvironment in the synovial membranes of patients with rheumatoid arthritis using monoclonal antibodies, 22
 DUMONT, F. & HABBERSSETT, R.C. Lymphocyte subpopulations in the thymus of NZB x NZW mice: phenotypic characterization by flow cytofluorometry analysis, 87
 DUNCAN, M.E., *see* MELSON, R.
 DURANDY, A., *see* FISCHER, A.
 DZIARSKI, A., *see* LEVINSON, A.J.
 EDDLESTON, A.L.W.F., *see* YOUSIF KADARU, A.G.M.
 EDWARDS, A.J., *see* LE BOUTELLIER, P.P.
 EGAN, J.B., *see* WANGEL, A.G.
 EGIDO, J., SANCHEZ, J., LORENTE, F. & FONTAN, G. Inhibition of neutrophil migration by serum IgA from patients with IgA nephropathy, 709
 EGIDO, J., *see* SANCHEZ-CRESPO, M.
 EILAT, D. & LOTAN, CH. The reaction of human SLE antibodies with native, single stranded RNA: analysis of nucleotide sequence specificities and correlation with Sm and nRNP activities, 283
 EL KHOLY, A., *see* GRAY, E.D.
 ENDOH, M., *see* TOMINO, Y.
 ERSHLER, W.B., MOORE, A.L. & HACKER, M.P. Specific *in vivo* and *in vitro* antibody response to tetanus toxoid immunization, 552
 ESPINOZA, A., *see* VIRELLA, G.
 EXTON-SMITH, A.N., *see* MACDONALD, S.M.
 FABRY, Z., *see* DOBOZY, A.
 FAGNILLI, L., *see* SINGAL, D.P.
 FERNANDEZ, J., *see* RODRIGUEZ, J.L.
 FISCHER, A., DURANDY, A., MAMAS, S., MCCALL, E., DRAY, F. & GRISCELLI, C. Lack of prostaglandin E₂-mediated monocyte suppressive activity in newborn and mothers, 377
 FISH, F. & ZIFF, M. Hidden anti-double stranded DNA antibodies in autoimmune mice, 587
 FITZHARRIS, P., *see* MITCHELL, D.M.
 FONTAN, G., *see* DE LA CONCHA, E.G.
 FONTAN, G., *see* EGIDO, J.
 FOON, K.A., *see* BILLING, R.J.
 FORSUM, U., *see* SCHEYNIUS, A.
 FOTEDAR, A., MUSTAFA, A.S., NARANG, B.S. & TALWAR, G.P. Improved leucocyte migration inhibition response of leucocytes from lepromatous leprosy patients with hapten modified *M. leprae*, 317
 FUJIWARA, N., *see* ISOJIMA, S.
 FÜST, G., *see* DOBOZY, A.
 GARBER, S.L., O'MORCHOE, P.J. & O'MORCHOE, C.C.C. Effect of experimental glomerulonephritis on the cells in canine renal lymph with special reference to the veiled cell, 347
 GARCIA-RODRIGUEZ, M.C., *see* DE LA CONCHA, E.G.
 GARIN, E.H. & BARRATT, T.M. Effect of indomethacin on lymphocyte response to mitogens in puromycin aminonucleoside nephrosis in the rat, 639
 GELBER, R.H., *see* HUMPHRES, R.C.
 GELFAND, E.W., *see* MIZUNO, Y.
 GELPI, C., *see* RODRIGUEZ, J.L.
 GIRARD, J.F., *see* CAPRON, M.
 GIUDIZI, M.G., *see* ROMAGNANI, S.
 GOLDSTONE, A.H., *see* MACDONALD, S.M.
 GOTTLIEB, M.S., *see* LAWRENCE, E.C.
 GRAY, E.D., REGELMANN, W.E., WANNAMAKER, L.W., EL KHOLY, A. & ABDIN, Z.H. Functional alterations in non-T cells in rheumatic heart disease, 488
 GRAYZEL, A.I., *see* NEIGHBOUR, P.A.
 GRISCELLI, C., *see* FISCHER, A.
 GROSSETETE, J., *see* CAPRON, M.
 GUPTA, R.C. Characterization of antigen moiety of HBsAg in the complement fixing immune complexes of hepatitis B virus positive chronic active hepatitis, 543
 GWYN WILLIAMS, D., *see* ADU, D.
 HABBERSSETT, R.C., *see* DUMONT, F.
 HACKER, M.P., *see* ERSHLER, W.B.
 HARBOE, M., *see* MELSON, R.
 HARTE, P.G., DE SOUZA, J.B. & PLAYFAIR, J.H.L. Failure of malaria vaccination in mice born to immune mothers, 509
 HASLAM, P.L., ALLAN, F., WATLING, A.F., BARRETT, C., MORRIS, L. & TURNER-WARWICK, M. Impaired antibody-dependent cell-mediated cytotoxicity in cryptogenic fibrosing alveolitis (synonym: idiopathic pulmonary fibrosis), 59
 HERRMANN, F., LOCHNER, A., PHILIPPEN, H., JAUER, B. & RÜHL, H. Imbalance of T cell subpopulations in patients with chronic lymphocytic leukaemia of the B cell type, 157
 HIBI, T., AISO, S., YOSHIDA, T., WATANABE, H., ASAKURA, H., TSURU, S. & TSUCHIYA, M. Anticodon antibody and lymphocytophilic antibody in ulcerative colitis, 75
 HILGERS, R., *see* KASCHKA, W.P.
 HINGLAIS, N., *see* CAPRON, M.
 HOCKING, W., *see* HOFMAN, F.M.
 HOFMAN, F.M., BILLING, R.J., PARKER, J.W. & TAYLOR, C.R. Cytoplasmic as opposed to surface Ia antigens expressed on human peripheral blood lymphocytes and monocytes, 355
 HOFMAN, F.M., SMITH, D. & HOCKING, W. T cell chronic lymphocytic leukaemia with suppressor phenotype, 401
 HOLBOROW, E.J., *see* ADU, D.
 HOOKS, J.J., *see* LEVINSON, A.I.
 HORVAT, J., *see* JANKOVIC, B.D.
 HUGHES, H.P.A., VAN KNAPEN, F., ATKINSON, H.J., BALFOUR, A.H. & LEE, D.L. A new soluble antigen preparation of *Toxoplasma gondii* and its use in serological diagnosis, 239
 HUMPHRES, R.C., GELBER, R.H. & KRAHENBUHL, J.L. Suppressed natural killer cell activity during episodes of erythema nodosum leprosum in lepromatous leprosy, 500
 HUMPHREY, J., *see* MIZUNO, Y.
 HUNYADI, J., *see* DOBOZY, A.
 HYODO, S., *see* SAKANO, T.
 IKEDA, Y., *see* BALINT, JR, J.
 IMAI, Y. & OSAWA, T. Sensitivity of pre-T cells to

- natural thymocytotoxic autoantibodies developed in New Zealand Black mice, 572
- INATSUKI, B., *see* NOMA, T.
- ISOJIMA, S., KOYAMA, K. & FUJIWARA, N. Purification of human seminal plasma No. 7 antigen by immunoaffinity chromatography on bound monoclonal antibody, 449
- IUCHI, M., *see* OHTA, N.
- JACOBSON, R.R., *see* BULLOCK, W.E.
- JACOBY, R.K., *see* JONES, V.E.
- JAKULIC, S., *see* JANKOVIC, B.D.
- JANKOVIC, B.D., JAKULIC, S. & HORVAT, J. Hypersensitivity to human brain S-100 protein in chronic alcoholics, 598
- JANOSY, G., *see* DUKE, O.
- JAUER, B., *see* HERRMANN, F.
- JEWELL, D.P., *see* BROWN, D.J.C.
- JIMENEZ, R.A.H. & MANNIK, M. Evaluation of aggregated IgG in mice as an Fc receptor specific probe of the hepatic mononuclear phagocyte system, 200
- JOHNSON, G.D., *see* ADU, D.
- JONES, V.E., JACOBY, R.K., COWLEY, P.J. & WARREN, C. Immune complexes in early arthritis. II. Immune complex constituents are synthesized in the synovium before rheumatoid factors, 31
- KAHAN, A., *see* PIATIER-TONNEAU, D.
- KASCHKA, W.P., HILGERS, R. & SKVARIL, F. Humoral immune response in Epstein-Barr virus infections. I. Elevated serum concentration of IgG1 subclass in infectious mononucleosis and nasopharyngeal carcinoma, 149
- KEMP, A.S. & SMITH, J. The effect of salicylate on human leucocyte migration, 233
- KENDERESSY, A.S., *see* DOBOZY, A.
- KENNES, B., *see* BROHEE, D.
- KHOURY, E.L., BOTTAZZO, G.F., PONTES DE CARVALHO, L.C., WICK G. & ROITT, I.M. Predisposition to organ-specific autoimmunity in Obese strain (OS) chickens: reactivity to thyroid, gastric, adrenal and pancreatic cytoplasmic antigens, 273
- KIELICH, C., *see* SAUVEZIE, B.
- KITTAKA, E., *see* SAKANO, T.
- KLARESKOG, L., *see* SCHEYNIUS, A.
- KLINE, L.E., *see* MELEWICZ, F.M.
- KNIGHT, R.A., *see* MITCHELL, D.M.
- KOVARY, P.M., *see* CULLMAN, W.
- KOYAMA, K., *see* ISOJIMA, S.
- KRAHENBUHL, J.L., *see* HUMPHRES, R.C.
- KUNKEL, H.G., *see* KUNTZ CROW, M.
- KUNTZ CROW, M. & KUNKEL, H.G. Human dendritic cells: major stimulators of the autologous and allogenic mixed leucocyte reactions, 338
- KUREC, A.S., *see* DAVEY, F.R.
- LAMBERT, P.H., *see* CHAKRABARTY, A.K.
- LAPPIN, D.F. & WHALEY, K. Prostaglandins and prostaglandin synthetase inhibitors regulate the synthesis of complement components by human monocytes, 623
- LASO, M.T., *see* DE LA CONCHA, E.G.
- LAWRENCE, E.C., THEODORE, B.J., TEAGUE, R.B. & GOTTLIEB, M.S. Defective immunoglobulin secretion in response to pokeweed mitogen in sarcoidosis, 96
- LEA, T. & MICHAELSEN, T.E. Anti-VH antibodies interfere with antigen binding by human T lymphocytes, 657
- LE BOUTELLIER, P.P., ASHERSON, G.L. & EDWARDS A.J. Hydroxyurea increases *in vitro*, antigen-dependent B cell development in bone marrow, 695
- LEE, D.L., *see* HUGHES, H.P.A.
- LEMAIRE, I., *see* ROLA PLESZCZYNSKI, M.
- LEMMEL, E.M., *see* ZEMBALA, M.
- LENNOX, E.S., *see* DEANS, J.A.
- LESAURE, P., *see* TROW, F.
- LETARTE, J., *see* TRON, F.
- LEVINSON, A.I., DZIARSKI, A. & HOOKS, J.J. Modulation of polyclonal B cell differentiation by human leucocyte alpha interferon, 677
- LINKER-ISRAEL, M., *see* BILLING, R.J.
- LOCHNER, A., *see* HERRMANN, F.
- LOEB, J., *see* SAUVEZIE, B.
- LORENTE, F., *see* EGIDO, J.
- LOTAN, CH., *see* EILAT, D.
- MCCALL, E., *see* FISCHER, A.
- MACDONALD, S.M., GOLDSTONE, A.H., MORRIS, J.E., EXTON-SMITH, A.N. & CALLARD, E. Immunological parameters in the aged and in Alzheimer's disease, 123
- MACDONALD, T.T. Enhancement and suppression of the Peyer's patch immune response by systemic priming, 441
- MACH, P.S., *see* PIATIER-TONNEAU, D.
- MAGGI, E., *see* ROMAGNANI, S.
- MAIRE, M.A., *see* CHAKRABARTY, A.K.
- MAKONKAWKEYOON, S., *see* BULLOCK, W.E.
- MAMAS, S., *see* FISCHER, A.
- MANNIK, M., *see* JIMENEZ, R.A.H.
- MANTOVANI, A., *see* BIONDI, A.
- MASSE, S., *see* ROLA PLESZCZYNSKI, M.
- MEEK, K., *see* BALINT, JR, J.
- MELEWICZ, F.M., KLINE, L.E., COHEN, A.B. & SPIEGELBERG, H.L. Characterization of Fc receptors for IgE on human alveolar macrophages, 364
- MELSON, R., HARBOE, M. & DUNCAN, M.E. IgA, IgM and IgG anti-*M. leprae* antibodies in babies of leprosy mothers during the first 2 years of life, 532
- MICHAELSEN, T.E., *see* LEA, T.
- MILLER, A.E., *see* NEIGHBOUR, P.A.
- MILTON, A., *see* WANGEL, A.G.
- MITCHELL, D.M., FITZHARRIS, P., KNIGHT, R.A., SCHILD, G.C. & SNAITH, M.L. Kinetics of specific anti-influenza antibody production by cultured lymphocytes from patients with systemic lupus erythematosus following influenza immunization, 290
- MITCHELL, G.H., *see* DEANS, J.A.
- MIURA, M., *see* TOMINO, Y.
- MIYASAKA, N., *see* SAUVEZIE, B.
- MIZUNO, Y., HUMPHREY, J., DOSCH, H.M. & GELFAND, E.W. Carbamylcholine modulation of E rosette formation. Effect of plasmapheresis in myasthenia gravis, 209
- MOORE, A.L., *see* ERSHLER, W.B.
- MORLEY, A.A., *see* ADLER, S.J.

- MORRIS, J.E., *see* MACDONALD, S.M.
 MORRIS, L., *see* HASLAM, P.L.
 MULLER, N., *see* CULLMAN, W.
 MUSTAFA, A.S., *see* FOTEDAR, A.
- NAGAI, T., *see* BALINT, JR, J.
 NAGEL, J.E., CHREST, F.J. & ADLER, W.H. Mitogenic activity of 12-O-tetradecanoyl phorbol-13-acetate on peripheral blood lymphocytes from young and aged adults, 217
 NARANG, B.S., *see* FOTEDAR, A.
 NATH, I., *see* PRASAD, H.K.
 NEIGHBOUR, P.A., GRAYZEL, A.I. & MILLER, A.E. Endogenous and interferon-augmented natural killer cell activity of human peripheral blood mononuclear cells *in vitro*. Studies of patients with multiple sclerosis, systemic lupus erythematosus and rheumatoid arthritis, 11
 NELSON, K.E., *see* BULLOCK, W.E.
 NEVE, P., *see* BROME, D.
 NEWSOME-DAVIS, J., *see* VINCENT, A.
 NICKLIN, S. & BILLINGTON, W.D. Impairment of graft versus host reactivity in pregnant mice, 135
 NISHIMURA, Y.K., *see* OHTA, N.
 NIWA, Y., SAKANE, T., SHINGU, M. & YOKAYAMA, M. Auto-oxidative damage in Behçet's disease—endothelial cell damage following the elevated oxygen radicals generated by stimulated neutrophils, 247
 NOMOTO, Y., *see* TOMINO, Y.
- O'MORCHOE, C.C.C., *see* GARBER, S.L.
 O'MORCHOE, P.L., *see* GARBER, S.L.
 OHTA, N., NISHIMURA, Y.K., IUCHI, M. & SASAZUKI, T. Immunogenetic analysis of patients with post-schistosomal liver cirrhosis in man, 493
 OSAWA, T., *see* IMAI, Y.
 ØSTERGAARD, P.P. Tonsillar IgE plasma cells predict atopic disease, 163
 OVADIA, H. & PATERSON, P.Y. Effect of indomethacin treatment upon actively-induced and transferred experimental allergic encephalomyelitis (EAE) in Lewis rats, 386
- PANAYI, G.S., *see* DUKE, O.
 PANAYI, G.S., *see* STAITTE, N.D.
 PARKER, J.W., *see* HOFMAN, F.M.
 PASCUAL SALCEDO, D., *see* DE LA CONCHA, E.G.
 PATERSON, P.Y., *see* OVADIA, H.
 PATRICK, H., *see* VIRELLA, G.
 PERI, G., *see* BIONDI, A.
 PETERS, T.J., *see* SMITH, G.P.
 PHILIPPEN, H., *see* HERRMANN, F.
 PIATIER-TONNEAU, D., MACH, P.S., KAHAN, A. & DELBARRE, F. T suppressor lymphocytes regulation of adjuvant arthritis in two inbred strains of rats, 645
 PLAYFAIR, J.H.L., *see* HARTE, P.G.
 PONTES DE CARVALHO, L.C., *see* KHOURY, E.L.
 POULTER, L.W., *see* DUKE, O.
 POZZILLI, P., *see* SENSI, M.
 PRASAD, H.K., SINGH, R. & NATH, I. Radiolabelled *M. leprae* resident in human as an *in vitro* indicator of effective immunity in human leprosy, 517
- QUAKYI, I.A., *see* ADU, D.
- RAJKOVIC, I.A., *see* YOUSIF KADARU, A.G.M.
 REAL, F.J., *see* RODRIGUEZ, J.L.
 REGELMANN, W.E., *see* GRAY, E.D.
 RICCI, M., *see* ROMAGNANI, S.
 RODRIGUEZ, J.L., GELPI, C., THOMSON, T.M., REAL, F.J. & FERNANDEZ, J. Anti-golgi complex autoantibodies in a patient with Sjögren's syndrome and lymphoma, 579
 ROITT, I.M., *see* KHOURY, E.L.
 ROLA PLESZCZYNSKI, M., LEMAIRE, I., SIROIS, P., MASSE, S. & BEGIN, R. Asbestos related changes in pulmonary and systemic immune responses—early enhancement followed by inhibition, 426
 RÖLLINGHOFF, M., *see* SOLBACH, W.
 ROMAGNANI, S., DAMIANI, G., GIUDIZI, M.G., BIAGIOTTI, R., ALMERIGOGNA, F., DELPRETE, G.F., MAGGI, E., BARGELLES, A. & RICCI, M. *In vitro* production of IgE by human peripheral blood mononuclear cells. II. Demonstration of a circulating IgE-bearing involved in spontaneous IgE biosynthesis, 176
 ROMAGNANI, S., MAGGI, E., DELPRETE, G.F., ALMERIOGOGNA, F., BIAGIOTTI, R., GIUDIZI, M.G. & RICCI, M. *In vitro* production of IgE by human peripheral mononuclear cells. IV. Modulation by allergen of the spontaneous IgE antibody biosynthesis, 185
 ROQUE ANTUNES BARREIRA, M.C., *see* TRON, F.
 RUGGIERO, I., *see* ZEMBALA, M.
 RÜHL, H., *see* HERRMANN, F.
- SAKAI, H., *see* TOMINO, Y.
 SAKANE, T., *see* NIWA, Y.
 SAKANO, T., HYODO, S., KITAKA, E., TANAKA, Y. & USUI, T. Induction of human autorosette forming cells by phorbol myristate acetate, 665
 SANCHEZ-CRESPO, M., ALONSO, F., BARAT, A. & EGIDO, J. Rat serum sickness: possible role of inflammatory mediators allowing deposition of immune complexes in the glomerular basement membrane, 631
 SANCHEZ, J., *see* EGIDO, J.
 SASAZUKI, T., *see* OHTA, N.
 SAUVEZIE, B., MIYASAKA, N., CHARRON, D., KIELICH, C., LOEB, J., DANIELS, T.E. & TALAL, N. An increase in peripheral blood Ia-positive T cells in Sjögren's syndrome correlates with a decrease in the autologous mixed lymphocyte response, 50
 SCHAUF, V., *see* BULLOCK, W.E.
 SCHEYNIUS, A., KLAARESKOG, L. & FORSUM, U. *In situ* identification of T lymphocyte subsets and HLA-DR expressing cells in the human skin tuberculin reaction, 325
 SCHILD, G.C., *see* MITCHELL, D.M.
 SENSI, M., POZZILLI, P., VENTRIGLIA, L., DONIACH, I. & CUDWORTH, A.G. Histology of the islets of Langerhans following administration of human lymphocytes into athymic mice, 81
 SEQUI, J., *see* DE LA CONCHA, E.G.
 SESHADRI, R.S., *see* ADLER, S.J.
 SHAH, T., *see* SMITH, G.P.
 SHINGU, M., *see* NIWA, Y.
 SHISHIBA, Y., *see* NOMA, T.
 SIMON, N., *see* DOBOZY, A.

- SINGAL, D.P. & FAGNILLI, L. Proliferation of alloantigen sensitized human peripheral blood lymphocytes by autologous cells associated with the HLA-B8/DR3, 652
- SINGH, R., see PRASAD, H.K.
- SIROIS, P., see ROLA PLESZCZYNSKI, M.
- SKVARIL, F., see KASCHKA, W.P.
- SLETTEN, K., see WESTERMARK, P.
- SMEENK, R., VAN DER LELIJ, G. & AARDEN, L. Measurement of low avidity anti-dsDNA by the *Crithidia luciliae* test and the PEG assay, 603
- SMITH, D., see HOFMAN, F.M.
- SMITH, G.P., SHAH, T., WEBSTER, A.D.B. & PETERS, T.J. Studies on the kinetic properties and subcellular localization of adenine nucleotide phosphates in peripheral blood lymphocytes from control subjects and patients with common variable primary hypogammaglobulinaemia, 393
- SMITH, J., see KEMP, A.S.
- SNAITH, M.L., see MITCHELL, D.M.
- SOHNLE, P.G. & COLLINS-LECH, C. Analysis of the lymphocyte transformation response to *Pityrosporum orbiculare* in patients with tinea versicolor, 559
- SOLBACH, W., BARTH, S., RÖLLINGHOFF, M. & WAGNER, H. Interactions of human T cell subsets during the induction of cytotoxic T lymphocytes: the role of interleukins, 167
- SPIEGELBERG, H.L., see MELEWICZ, F.M.
- STAITE, N.D. & PANAYI, G.S. Regulation of human immunoglobulin production *in vitro* by prostaglandin E₂, 115
- SUBIZA, J.L., see DE LA CONCHA, E.G.
- TALAL, N., see SAUVEZIE, B.
- TALWAR, G.P., see FOTEDAR, A.
- TANAKA, Y., see SAKANO, T.
- TAYLOR, C.R., see HOFMAN, F.M.
- TEAGUE, R.B., see LAWRENCE, E.C.
- TERMAN, D.S., see BALINT, JR., J.
- THEODORE, B.J., see LAWRENCE, E.C.
- THOMAS, A.W., see DEANS, J.A.
- THOMSON, T.M., see RODRIGUEZ, J.L.
- TOMINO, Y., SAKAI, H., MIURA, M., ENDOH, M. & NOMOTO, Y. Detection of polymeric IgA in glomeruli from patients with IgA nephropathy, 419
- TRON, F., LETARTE, J., ROQUE ANTUNES BARREIRA, M.C. & LESAVRE, P. Specific detection of circulating DNA: anti-DNA immune complexes in human systemic lupus erythematosus sera using murine monoclonal anti-DNA antibody, 481
- TSUCHIYA, M., see HIBI, T.
- TSURU, S., see HIBI, T.
- TURNER-WARWICK, M., see HASLAM, P.L.
- URACZ, W., see ZEMBALA, M.
- USUI, T., see SAKANO, T.
- VAERMAN, J.P., see DELACROIX, D.L.
- VAN DER LILIJ, G., see SMEENK, R.
- VAN KNAPEN, F., see HUGHES, H.P.A.
- VENTRIGLIA, L., see SENSI, M.
- VIAL, M.-C., see CAPRON, M.
- VINCENT, A. & NEWSOME-DAVIS, J. Acetylcholine receptor antibody characteristics in myasthenia gravis. I. Patients with generalized myasthenia or disease restricted to ocular muscles, 257
- VINCENT, A. & NEWSOME-DAVIS, J. Acetylcholine receptor antibody characteristics in myasthenia gravis. II. Patients with penicillamine-induced myasthenia or idiopathic myasthenia of recent onset, 266
- VIRELLA, G., ESPINOZA, A., PATRICK, H. & COLWELL, J.A. Polymorphonuclear leucocytes release a factor(s) that induces platelet aggregation and ATP release after interaction with insoluble and surface-fixed immune complexes, 684
- VOLLER, A., see ADU, D.
- WAGNER, H., see SOLBACH, W.
- WAKELIN, D., see ALIZADEH, H.
- WANGEL, A.G., MILTON, A. & EGAN, J.B. Spontaneous plaque forming cells in the peripheral blood of patients with systemic lupus erythematosus, 41
- WANNAMAKER, L.W., see GRAY, E.D.
- WARREN, C., see JONES, V.E.
- WATANABE, M., see HIBI, T.
- WATLING, A.F., see HASLAM, P.L.
- WATSON, S., see BULLOCK, W.E.
- WEAVER, W.M., see WILSON, C.B.
- WEBSTER, A.D.B. Metabolic defects in immunodeficiency diseases, 1
- WEBSTER, A.D.B., see SMITH, G.P.
- WESTERMARK, P. & SLETTEN, K. A serum AA-like protein as a common constituent of secondary amyloid fibrils, 725
- WHALEY, K., see LAPPIN, D.F.
- WICK, G., see KHOURY, E.L.
- WILLIAMS, R., see YOUSIF KADARU, A.G.M.
- WILSON, C.B., BOHSACK, J. & WEAVER, W.M. Effects of muramyl dipeptide on superoxide anion release and on anti-microbial activity of human macrophages, 371
- WYKE, R.J., see YOUSIF KADARU, A.G.M.
- YATA, J., see NOMA, T.
- YOKOYAMA, M., see NIWA, Y.
- YOSHIDA, T., see HIBI, T.
- YOUSIF KADARU, A.G.M., WYKE, R.J., RAJKOVIC, I.A., EDDLESTON, A.L.W.F. & WILLIAMS, R. Defects of serum chemoattraction and polymorphonuclear leucocyte movement in patients with primary hepatocellular carcinoma, 467
- ZABAY, J.M., see DE LA CONCHA, E.G.
- ZEMBALA, M., URACZ, W., RUGGIERO, I. & LEMMEL, E.M. Isolation of human monocytes by rosetting with antibody coated human erythrocytes and isopycnic gradient centrifugation, 225
- ZIFF, M., see FISH, F.

SUBJECT INDEX

- Ach
 - receptor antibody characteristics in myasthenia gravis, 257, 266
- ADCC
 - impaired action in idiopathic pulmonary fibrosis, 59
- Adenine nucleotide phosphatases
 - properties and localization of lymphocytes, 393
- Adjuvant arthritis
 - regulation of by T suppressor cells, 645
- Age
 - immunological parameters in, 123
- Age
 - reduced lymphocyte colony in, 129
- Alcoholism
 - hypersensitivity to S-100 in, 598
- Alzheimer's disease
 - immunological parameters in, 123
- Amyloid fibrils
 - serum AA-like protein as a constituent of, 725
- Antibodies
 - anti-colon and lymphocytophilic forms in ulcerative colitis, 75
 - against double stranded DNA, 587
 - anti-ss DNA and antinuclear types in malaria, 310
 - measurement of anti-dsDNA form, 603
 - presence of in first 2 years of life in babies of leprosy mothers, 532
 - response to tetanus immunization, 552
- Anti-influenza antibodies
 - kinetics of production in SLE, 290
- Anti-thyroglobulin antibodies
 - detection of cells forming, 565
- Anti-V_H antibodies
 - interfere with antigen binding, 657
- Antigen binding
 - interference of anti-V_H antibodies, 657
- Arthritis
 - presence of immune complexes in early stages of, 31
- Asbestos
 - changes in immune responses related to, 426
- Athymic mice
 - islets of Langerhan histology in, 87
- Atopic disease
 - predicted by IgE plasma cells, 163
- Autoantibodies
 - present in Sjögren's syndrome against the golgi complex, 579
- Auto-rosette forming cells
 - induced by phorbol myristate acetate, 655
- Autoimmunity
 - organ-specific type in Obese strain chickens, 273
- Autologous mixed lymphocyte response
 - decrease of in Sjögren's syndrome, 50
- B cells
 - hydroxyurea increases development of, 695
 - modulation of differentiation of by interferon, 677
 - rosette positive type stimulate poorly in MLR, 193
- B lymphocytes
 - aberrant control in lepromatous leprosy, 105
- Behçet's disease
 - anti-oxidative damage in, 247
- C3b
 - inhibitory effect of rosette formation, 230
- Chemoattraction
 - defects in hepatocellular carcinoma, 467
- Complement
 - regulation of synthesis by prostaglandins, 623
- Crohn's disease
 - cold-reactive lymphocytotoxins in, 67
- Cytoskeleton
 - role of in E rosette dissociation, 474
- DNA:anti-DNA complexes
 - detection of in SLE, 481
- Decomplementation
 - effect on induced glomerulonephritis, 611
- Dendritic cells
 - major stimulators of MLR, 338
- Endothelial cell damage
 - in Behçet's disease, 247
- Epstein-Barr virus
 - humoral immune response to, 149
- E rosettes
 - role of cytoskeleton in dissociation of, 474
- Experimental allergic encephalomyelitis
 - effect of indomethacin on, 386
- Fc receptors
 - aggregated IgG as specific probe for, 200
 - for IgE, on alveolar macrophages, 364
- Glomerulonephritis
 - effect of decomplementation on, 611
 - effect of on cells in renal lymph, 347
- Graft versus host reactivity
 - impaired in pregnant mice, 135
- HBsAg
 - characterization of in immune complexes, 543
- Hepatocellular carcinoma
 - defects in chemoattraction and leucocyte movement in, 467
- Hereditary angioedema
 - complement, coagulation and fibrinolytic parameters in, 618
- Hydroxyurea
 - increase in B cell development by, 695
- Ia antigens
 - expressed on lymphocytes and monocytes, 355
- IgA
 - contained in immune complexes in mammary adenocarcinoma, 433
 - deficiency of and regulatory T cell disorders, 410
 - detection of polymeric forms in IgA nephropathy, 419
 - inhibition of neutrophil migration by, 709
- IgE
 - production by mononuclear cells, 176, 185
- IgE plasma cells
 - help to predict atopic disease, 163
- IgG
 - aggregated form as Fc receptor specific probe, 200

- rheumatoid factor reactivity with, 457
- IgM
 - assessment of lymphocytes in deficiency of, 670
- Idiopathic pulmonary fibrosis
 - impaired ADCC in, 59
- Indomethacin
 - effect of on lymphocyte response to mitogens, 639
- Immune complexes
 - IgA containing in mammary adenocarcinoma, 433
 - characterization of HBsAg moiety in, 543
 - deposition of in rat serum sickness, 631
 - presence in early arthritis, 31
- Immunodeficiency
 - metabolic defects in, 1
- Immune response
 - asbestos related changes in, 426
 - during Epstein-Barr virus infections, 149
 - enhancement and suppression by systemic priming, 441
- Immunoglobulin production
 - regulation of by PGE₂, 115
- Immunoglobulin secretion
 - defective in sarcoidosis, 96
- Immunological parameters
 - in age and Alzheimer's disease, 123
- Indomethacin
 - effect of on EAE in rats, 386
- Interferon
 - modulates polyclonal B cell differentiation, 677
- Islets of Langerhans
 - histology of in athymic mice, 81
- Leprosy
 - aberrant control of B lymphocyte function in, 105
 - improved leucocyte migration inhibition response in, 317
 - radiolabelled resident *M. leprae* as indicator of immunity to, 517
 - suppressed NK activity during, 500
- Leucocytes
 - defects in movement of in hepatocellular carcinoma, 467
 - platelet aggregation after interaction with immune complexes, 684
- Leucocyte migration
 - salicylate effects on, 233
- Leukaemia
 - immunological classification of, 142
 - suppressor T cell type, 401
 - T cell imbalance during B cell type of CLL, 157
- Liver cirrhosis
 - immunogenetic analysis of patients with, 493
- Lymphocytes
 - assessment of IgM deficiency, 670
 - cytoplasmic Ia antigens on, 355
 - localization and properties of adenine nucleotide phosphatases in, 393
 - mitogenic effect of TPA on, 217
 - proliferation of alloantigen sensitized forms, 652
 - transformation response to *Pityrosporum orbiculare*, 559
- Lymphocyte colonies
 - reduced formation of with age, 129
- Lymphocyte response
 - effect of indomethacin on, 639
- Lymphocyte subpopulations
 - analysis of by monoclonal antibodies, 22
 - characterization of in NZB x NZW mouse thymus, 87
- Lymphocytotoxins
 - in Crohn's disease and ulcerative colitis, 67
- Macrophages
 - effect of muramyl dipeptide on, 371
 - Fc receptors for IgE on, 364
- Malaria
 - anti-ss DNA and antinuclear antibodies in, 310
 - failure of vaccination to in newborn mice of immune mothers, 509
- Mammary adenocarcinoma
 - IgA containing immune complexes in, 433
- Mast cell
 - response to *Trichinella spiralis*, 331
- Metabolism,
 - defects, in immunodeficiency diseases, 1
- Mixed leucocyte reactions
 - dendritic cells as major stimulators of, 338
 - poor stimulation by rosette positive B cells in, 193
- M. leprae* antigens
 - SDS-PAGE analysis of, 523
- Monoclonal antibodies
 - analysis of lymphocyte subpopulations by, 22
 - inhibition of *Plasmodium knowlesi* multiplication by, 297
 - purification of seminal plasma No. 7 antigen by, 449
- Monocytes
 - cytoplasmic Ia antigens on, 355
 - isolation of by rosetting and centrifugation, 225
 - lack of activity in newborn and mothers, 377
- Mononuclear cells
 - IgE production by, 176, 185
 - natural killer cell activity of, 11
- Muramyl dipeptide
 - effect of on macrophages, 371
- Myasthenia gravis
 - effect of plasmapheresis in, 209
- Natural killer activity
 - suppression of during episodes in leprosy, 500
- Natural killer cells
 - activity of mononuclear cells, 11
- Neutrophils
 - inhibition of migration of by IgA, 709
- Obese strain chickens
 - organ-specific autoimmunity in, 273
- PGE₂
 - regulation of immunoglobulin production by, 115
- Phagocytes
 - cytotoxicity of, 701
- Pityrosporum orbiculare*
 - lymphocyte transformation response to, 559
- Plaque forming cells
 - presence of in SLE patients, 41
- Plasmapheresis
 - effect on E rosette formation in myasthenia gravis, 209
- Plasmodium knowlesi*
 - inhibition of multiplication of by monoclonal antibodies, 297

- Platelets
 aggregation of after leucocyte interaction with immune complexes, 684
- Pregnancy
 impairment of GvHR during, 135
- Pre-T cells
 sensitivity to thymocytotoxic autoantibodies, 572
- Prostaglandins
 regulate synthesis of complement components by monocytes, 623
- Rat serum sickness
 deposition of immune complexes in, 631
- Rheumatoid factor
 reactivity with disulphide bond altered IgG, 457
- Rheumatic heart disease
 functional alterations of non-T cells in, 488
- Rosette formation
 inhibited by C3b, 230
- S-100
 hypersensitivity to in chronic alcoholism, 598
- Salicylate
 effect of on leucocyte migration, 233
- Sarcoidosis
 defective immunoglobulin secretion in, 96
- Secretory component
 bound and free forms, 717
- SLE antibodies
 reaction with single stranded RNA, 283
- ss RNA
 reaction with SLE antibodies, 283
- Systemic lupus erythematosus
 detection of DNA:anti-DNA complexes in, 481
 kinetics of anti-influenza antibody production in, 290
- spontaneous plaque forming cells in, 41
- T cells
 disorders of regulatory forms in IgA deficiency, 410
 increase in Ia⁺ forms in Sjögren's syndrome, 50
 subpopulation imbalance in B cell type CLL, 157
- T cell CLL
 suppressor phenotype, 401
- T cell subset
 interactions between during induction of cytotoxic T lymphocytes, 167
- T suppressor cells
 regulate adjuvant arthritis, 645
- Tetanus toxoid
 antibody response to, 552
- Thymocytotoxic autoantibodies
 sensitivity of pre-T cells to, 572
- Thymus
 lymphocyte subpopulations in, 87
- T lymphocyte
 subset identification *in situ*, 325
- Toxoplasma gondii*
 new soluble antigen preparation of, 239
- TPA
 mitogenic activity of on lymphocytes, 217
- Trichinella spiralis*
 mast cell response and genetic factors controlling it, 331
- Ulcerative colitis
 anti-colon and lymphocytophilic antibodies in, 75
 cold-reactive lymphocytotoxins, 67
- Veiled cell
 effect of experimental glomerulonephritis on, 347

